

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Page

1

of

| <i>Complete If Known</i> | |
|--------------------------|--------------------------------------|
| Application Number | Continuation of [REDACTED] 10/686884 |
| Filing Date | [REDACTED] October 15, 2003 |
| First Named Inventor | Harris, Jennifer L., et. al. |
| Art Unit | 1654 |
| Examiner Name | Leary, Louise N. |
| Attorney Docket Number | 18062G-003211US |

U.S. PATENT DOCUMENTS

| Examiner | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | CLASS / SUBCLASS |
|----------|-----------------------|--|--------------------------------|--|---|
| | | Number Kind Code ² (if known) | | | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| CC | AA | US 4,335,204 | 06-15-1982 | Claeson, et al. | 435/123 |
| CC | AB | US 4,448,715 | 05-15-1984 | Ryan, et al. | 260/999.9 |
| CC | AC | US 4,557,862 | 12-10-1985 | Mangel, et al. | 260/112.00R |
| CC | AD | US 4,568,636 | 02-04-1986 | Svendsen, Lars G. | 435/13 |
| CC | AE | US 4,640,893 | 02-03-1987 | Mangel, et al. | 525/54.1 |
| CC | AF | US 4,897,444 A | 01-30-1990 | Brynes, et al. | 525/54.1 |
| CC | AG | US 5,079,144 A | 01-07-1992 | Carr, et al. | 435/32 |
| CC | AH | US 5,089,634 A | 02-18-1992 | Powers, et al. | 549/285 |
| CC | AI | US 5,872,207 A | 02-16-1999 | Morgan, et al. | 530/300 |
| CC | AJ | US 5,342,970 A | 08-30-1994 | Chalom, et al. | 549/288 |
| CC | AK | US 6,037,137 | 03-14-2000 | Komoriya, et al. | 435/23 |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|---|--|--------------------------|
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| CC | AL | GB | 2,324,529 | A | 10-28-1998 | Merck & Co Inc. | Y | <input type="checkbox"/> |
| | AM | | | | | | | <input type="checkbox"/> |
| | AN | | | | | | | <input type="checkbox"/> |
| | AO | | | | | | | <input type="checkbox"/> |
| | AP | | | | | | | <input type="checkbox"/> |
| | AQ | | | | | | | <input type="checkbox"/> |
| | BA | | | | | | | <input type="checkbox"/> |
| | BB | | | | | | | <input type="checkbox"/> |

Examiner Signature

Date Considered

9/04

*EXAMINER: Initial if reference considered. Whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

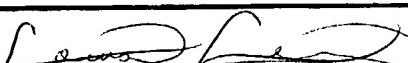
¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

| | | | | | |
|--|---|----|---|--------------------------|------------------------------|
| Substitute for form 1449/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | Application Number | 10/686,884 |
| (use as many sheets as necessary) | | | | Filing Date | October 15, 2003 |
| Page | 2 | of | 2 | First Named Inventor | Harris, Jennifer L., et. al. |
| | | | | Art Unit | 1654 |
| | | | | Examiner Name | Leary, Louise N. |
| | | | | Attorney Docket Number | 18062G-003210US |

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|-----------------------|--|--|----------------|
| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | |
| LL | BC | Adamczyk, et al. "Resin-Supported Labeling Reagents" <i>Bioorganic & Medicinal Chemistry Letters</i> (1999) Vol. 9, pp. 217-220. | | T ² |
| LL | BD | Backes, et al. "An Alkanesulfonamide 'Safety-Catch' Linker for Solid-Phase Synthesis" <i>Journal of Organic Chemistry</i> (1999) Vol. 64, pp. 2322-2330. | | |
| LL | BE | Backes, et al. "Synthesis of Positional-scanning Libraries of Fluorogenic Peptide Substates to Define the Extended Substrate Specificity of Plasmin and Thrombin" <i>Nature Biotechnology</i> (2000) Vol. 18, pp. 187-193. | | |
| LL | BF | Del Nery, et al., "Characterization of the Substrate Specificity of the Major Cysteine Protease Cruzipain) from <i>Trypanosoma cruzi</i> Using a Portion-Mixing Combinatorial Library and Fluorogenic Peptides," <i>Biochemical Journal</i> , 323:427-433 (1997) | | |
| LL | BG | Harris, et al. "Rapid and General Profiling of Protease Specificity by Using Combinatorial Fluorogenic Substrate Libraries" <i>Proceedings of the National Academy of Sciences</i> (2000) Vol. 97(14) pp. 7754-7759. | | |
| LL | BH | Lee, D. et al. "A Substrate Combinatorial Array for Caspases" <i>Bioorganic and Medicinal Chemistry Letters</i> (1999) Vol. 9, pp. 1667-1672. | | |
| LL | BI | Morita, et al. "New Fluorogenic Substrates for α -Thrombin, Factor Xa, Kallikreins, and Urokinase" <i>Journal of Biochemistry</i> (1977) Vol. 82(5), pp. 1495-1498. | | |
| LL | BJ | Rano, et al. "A Combinatorial Approach for Determining Protease Specificities: Application to Interleukin-1 β Converting Enzyme (ICE)" <i>Chemistry and Biology</i> (1997) Vol. 4, 149-155 | | |
| LL | BK | Sawada, et al., "Substrate Specificity of Ascidian Sperm Trypsin-Like Proteases, Spermisin and Acrosin," <i>Molecular Reproduction and Development</i> , 45:240-243 (1996) | | |
| LL | BL | Zimmerman, et al. "Sensitive Assays for Trypsin, Elastase, and Chymotrypsin Using New Fluorogenic Substrates" <i>Analytical Biochemistry</i> (1977) Vol. 78, pp. 47-51. | | |

| | | | |
|--------------------|---|-----------------|------|
| Examiner Signature |  | Date Considered | 9/04 |
|--------------------|---|-----------------|------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.